KCC 4921 (K-C 16,163)
PATENT

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

24. (Currently Amended) A laminated structure comprising at least a portion of a first layer attached to at least a portion of a second layer using [the] an adhesive composition, ~~of Claim 1~~ the adhesive composition comprising an atactic polymer having a degree of crystallinity of less than about 20% and a number-average molecular weight between about 1,000 and about 300,000[;], and an isotactic polymer having a degree of crystallinity of at least about 40% and a number-average molecular weight between about 3,000 and about 200,000.

25. (Original) The laminated structure of Claim 24, wherein the laminated structure has a static-peel-failure time of at least about 1 hour.

26. (Original) The laminated structure of Claim 24, wherein the laminated structure has a static-peel-failure time of at least about 8 hours.

27. (Original) The laminated structure of Claim 24, wherein the laminated structure has a static-peel-failure time of at least about 24 hours.

28. (Original) The laminated structure of Claim 24, wherein the laminated structure has a relative accretion value

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of less than 1.

29. (Original) The laminated structure of Claim 24, wherein the laminated structure has a relative accretion value of less than 0.5.

30. (Original) The laminated structure of Claim 24, wherein the laminated structure has a relative accretion value of less than 0.2.

31. (Currently Amended) The laminated structure of Claim 24, wherein the first and second layers ~~are each part of a single substrate~~ comprise a single material, said single material being folded over and adhesively bonded to itself.

32. (Original) The laminated structure of Claim 24, wherein each of the first and second layers is selected from the group consisting of: nonwoven material, woven material, film, and an elasticized component.

33. (Original) The laminated structure of Claim 24, wherein at least one of the first and second layers comprises at least one of the group consisting of cellulosic material, thermoplastic material, and combinations thereof.

70. (Previously Presented) A laminated structure comprising a first neck-bonded laminate substrate and a second neck-bonded laminate substrate, said first neck-bonded laminate

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substrate being bonded to said second neck-bonded laminate substrate with an adhesive composition comprising an atactic polymer having a degree of crystallinity of less than about 20% and a number-average molecular weight of from about 1,000 to about 300,000 and an isotactic polymer having a degree of crystallinity of at least about 40% and a number-average molecular weight of from about 3,000 to about 200,000.

71. (Previously Presented) The laminated structure as set forth in claim 70 wherein at least one of said first neck-bonded laminate substrate and said second neck-bonded laminate substrate comprises a polyethylene layer sandwiched between two spunbond polypropylene layers.

72. (Previously Presented) The laminated structure as set forth in claim 70 wherein one or both of said first neck-bonded laminate substrate and said second necked-bonded laminated substrate comprises a material selected from the group consisting of a nonwoven material, a woven material, a film, an elasticized component, a cellulosic material, a thermoplastic material, a polypropylene spunbonded material, or combinations thereof.

73. (Previously Presented) The laminated structure as set forth in claim 70 wherein said adhesive composition is in liquefied form.

74. (Previously Presented) The laminated structure as set forth in claim 70 wherein said adhesive composition is hot-melt processable at a temperature of about 450°F or less.

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75. (Previously Presented) The laminated structure as set forth in claim 70 wherein the degree of crystallinity of said atactic polymer is less than about 15%.

76. (Previously Presented) The laminated structure as set forth in claim 70 wherein the degree of crystallinity of said isotactic polymer is at least about 60%.

77. (Previously Presented) The laminated structure as set forth in claim 70 wherein said adhesive composition comprises between about 50 and about 90 weight percent of the atactic polymer and between about 5 and about 50 weight percent of the isotactic polymer.

78. (Previously Presented) The laminated structure as set forth in claim 70 wherein said atactic polymer is selected from the group consisting of low density polyethylene, atactic polystyrene, atactic polybutene, amorphous polyolefin copolymer and combinations thereof.

79. (Previously Presented) The laminated structure as set forth in claim 70 wherein said atactic polymer comprises atactic polypropylene.

80. (Previously Presented) The laminated structure as set forth in claim 70 wherein said isotactic polymer is selected from the group consisting of high density polyethylene, isotactic polystyrene, isotactic polybutene and combinations thereof.

81. (Previously Presented) The laminated structure as

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set forth in claim 70 wherein said isotactic polymer comprises isotactic polypropylene.

82. (Previously Presented) The laminated structure as set forth in claim 70 wherein at least one of said first neck-bonded laminate substrate and said second neck-bonded laminate substrate is a stretch-bonded laminate composed of an elongated elastic web or elongated elastomeric strands bonded between two spunbonded layers.

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